

CLAIM AMENDMENTS

1. (canceled)

1 2. (previously presented) The dental implant according
2 to claim 10, characterized in that the outer thread is formed as a
3 double thread.

1 3. (previously presented) The dental implant according
2 to claim 10, characterized in that the ratio of the axial lengths
3 of the crestal segment or the tip segment on the one hand to the
4 middle segment on the other hand lies between 1:1 and 1:2.

1 4. (previously presented) The dental implant according
2 to claim 10, characterized in that the ratio of the thread outer
3 diameter in the crestal segment and the middle segment to that of
4 the apical end of the tip segment lies at about 4:3.5.

1 5. (previously presented) The dental implant according
2 to claim 10 characterized in that the anchoring head has an
3 internal hexagonal rounded surface toothed socket adjacent a blind
4 threaded bore close to the apical side.

6 - 7. (canceled)

1 8. (previously presented) A final drill for creating a
2 final bore for a dental implant according to claim 10,
3 characterized in that the final drill has a conical cutting contour
4 with the conical pattern matched to the conical angle of the thread
5 cores and with an outer diameter which corresponds to the outer
6 diameter of the thread cores.

1 9. (previously presented) A final drill according to
2 claim 8 characterized in that the drill has multiple cutters,
3 preferably three cutters, whereby the cutters extend from the tip
4 over the area of the drill up to a depth stop on the shank.

1 10. (previously presented) A set of dental implants
2 comprising two implants each comprising:
3 an anchoring head for a structural element and having an
4 end face of a predetermined face diameter; and
5 a screw element with a thread core and a self-cutting
6 outer thread, the thread core and the outer thread having three
7 segments following one another in succession from crestal to
8 apical, namely
9 a crestal segment adjoining the anchoring head with
10 a constant outer crestal diameter of the outer
11 thread and a thread core conically tapering in
12 the apical direction to a predetermined
13 intermediate diameter,

14 a middle segment with an outer diameter of the
15 thread core substantially equal to the
16 intermediate diameter, and
17 a tip segment with an outer thread of an outer
18 diameter tapering in the apical direction and a
19 conically tapering diameter of the thread core,
20 the outer crestal diameter of one of the two implants being
21 substantially equal to the face diameter and the outer diameter of
22 the other of the two implants being larger or smaller than the
23 outer crestal diameter.